Omar Morhbi

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SKILLS

JavaScript, Node.js, React, HTML, CSS, Mongoose, MongoDB, Express.js, Python, Pandas, PostgreSQL, RESTful APIs, Java, jQuery, Git, Agile/Scrum, Mocha/Chai, Heroku, UNIX, SSH/PuTTY

PROJECTS

Supperwhere   (MongoDB, Express.js, React.js, Node.js, Javascript, CSS)   live | github

Supperwhere is a full stack web application that recommends users restaurants based on their financial and dietary preferences

- Integrated React.js and a built from scratch CSS to make a mobile and user-friendly application.
- Used Zomato's API to allow users to view their search results and recommended restaurants while allowing them to easily locate their restaurant through Google Maps.
- Teamed with three other developers to work on the application using the Scrum framework to ensure proper code review and delegation of work.
- Enforced proper github practices by reviewing pull requests and fixing merge conflicts when necessary.
- Implemented a user authentication system with the use of JSON Web Tokens, which prevents anonymous users from accessing other pages.

A Certain Daily Journal   (MongoDB, Express.js, Node.js, Javascript, Handlebars.js, AJAX, Bootstrap CSS)   portfolio | github

A Certain Daily Journal is a journal sharing website that allows guest and logged in users to see journals created by other users.

- Created a user authentication system with the passport-local module, which allowed users and guests alike to see journals publicly shared by other users, but forced guests to login when trying to create or access their journals.
- Implemented a database using MongoDB, which worked in conjunction with passport by storing journals and user information.
- Designed a client-side form validation with AJAX, notifying users with a clear message if they submitted successfully or not.

The Big O Bot   (Python)   live | github

A Twitter bot that takes nouns and modifies them to make a small and fun tweet.

- Developed a script that posts tweets periodically and replies to other users through Twitter's mentions.
- Interacted with Twitter's API by using Tweepy so the bot can send tweets and reply to mentions.
- Utilized Python's built-in NLP library to parse inputted words from a user and check if it's a valid noun or noun phrase.

EDUCATION

New York University   Sep 2016 - May 2020
Bachelor of Computer Science   *New York, NY*

- **GPA:** 3.079/4.0
- **Relevant Coursework:** Agile Software Development; Applied Internet Technologies (Full Stack Web Development); Data Management and Analysis; Basic Algorithms; Operating Systems; Data Structures

EXPERIENCE

General Assistant

NYC Pet   May 2018 - Aug 2018

- Responsible for assisting the general manager of the NYC Pet branch.
- Ensured customer satisfaction by assisting them in need, including recommending them products they should purchase for their pets.
- Learned how to build customer trust and management experience.